

WELLCOME INSTITUTE
FOR THE HISTORY OF MEDICINE
ANNUAL REPORT

1 October 1993 – 30 September 1994

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Two years on from its reoccupation of the refurbished Wellcome Building, the Institute continues to flourish and grow. Witness to its intellectual prosperity are the continuing success of the public Academic Programme and the rising levels of Library usage.

The high regard of London University for the Institute is reflected in the academic staff promotions reported below, and the elevation of Roy Porter to the Fellowship of the British Academy was just tribute to an outstanding servant of the Wellcome Institute.

W F Bynum

E J Freeman

Staff

Head of the Academic Unit	William F Bynum, MD, PhD, MRCP
Honorary Lecturer (Part-time) (<i>History of Biology</i>)	David E Allen, MA, PhD
Lecturer (Part-time) (<i>History of Biology</i>)	E Janet Browne, MA, PhD
Medical Historian (<i>Islamic Medicine</i>)	Lawrence I Conrad, PhD
Medical Historian (<i>Twentieth-Century Medicine</i>)	Anne Hardy, MA, DPhil
Medical Historian (<i>Clinical Medicine</i>)	Christopher J Lawrence, MB, ChB, MSc, PhD
Medical Historian (<i>Human Biology</i>)	Michael R Neve, MA, PhD
Medical Historian (<i>Classical Medicine</i>)	Vivian Nutton, MA, PhD
Medical Historian (<i>Social History</i>)	Roy S Porter, MA, PhD, FBA
Medical Historian (<i>Modern Medical Science</i>)	Elizabeth M (Tilli) Tansey, BSc, PhD (Sheffield, London)
Medical Historian (<i>Early Modern Medicine</i>)	Andrew Wear, BA, MSc, PhD
Assistant Editor (<i>Medical History</i>)	Caroline Tonson Rye, MA
Research Assistant	Caroline Overy, BA
Secretary to Head of Unit	Sally Bragg
Secretary to Course Tutor and other members of academic staff	Lyn Dobson
Secretary to Unit (WIHM)	Frieda Houser
Secretary to Unit (UCL)	Josephine Lane (to 30 June)

Two members of the Unit were promoted by University College and the University of London. Christopher Lawrence was awarded a Readership, and Michael Neve was promoted to Senior Lecturer. The promotions take effect from 1 October 1994. Roy Porter was elected a Fellow of the British Academy in September. The only staff change during the year was Josephine Lane's retirement, after four years as Unit Secretary at UCL. Her replacement, Gita Tailor, is to start on 10 October 1994.

The number of Research Fellows, Research Students and scholars working in the Unit grows ever larger and, as last year, is broken into several categories. Twelve Wellcome postdoctoral fellows were based at the Institute during 1993-94:

Vincent Barras, PhD	Anatomopathology and psychiatry in the classical age
Gerrit Bos, PhD	A critical edition and translation of Ibn al-Jazzār's 'Zād al-musāfir wa qāt al-hāḍir' ('Provisions for the traveller and the nourishment of the settled')
Mark Harrison, BSc, DPhil	History of the Royal Army Medical Corps
L Stephen Jacyna, BA, PhD	Language and the brain from 1825 to 1930
Susan C Lawrence, PhD	Anatomists' bodies: dissection, illustrations and medical texts, 1650-1880 (from 1 September 1994)
Andreas-Holger Maehle, Dr med, Dr med habil	Experimental pharmacology in the eighteenth century (to 31 March 1994)
Eileen Magnello, MA, DPhil	The life and times of Karl Pearson (1857-1936) (from 1 July 1994)
Ruth Richardson, MA, DPhil	Medical men and the Victorian interment problem (from 1 June 1994)
Andrea Rusnock, BA, PhD	An edition of the correspondence of James Jurin FRS, PRCP (1684-1750) (to 31 December 1993)
Nikolai Serikoff, MA, PhD	A dictionary of Greek borrowings and loan words in Arabic (7th-16th centuries)

Maria Unkovskaya, MA, D.Phil

Foreign medical practitioners in seven-
teenth-century Muscovy

Lise Wilkinson,

Cand Pharm, Mag Scient

Public health at home and abroad:
with special reference to the work of the
London School of Hygiene and Tropical
Medicine

Dr Gerrit Bos continued to work on his critical edition with English translation and introduction of Ibn al-Jazzār's 'Zād al-musāfir wa qāt al-hādir' ('Provisions for the traveller and the nourishment of the settled'). He also published articles on dental care and women's diseases in Islamic society. **Dr Mark Harrison** took up his post as Wellcome University Award Holder at Sheffield Hallam University in September. Several papers stemming from his research project on the RAMC and previous work on India were prepared, and are currently awaiting publication. A revised version of his doctoral thesis – *Public Health in British India: Anglo-Indian Preventive Medicine 1859–1914* – was published by Cambridge University Press in March. **Dr Stephen Jacyna** continued with his research on the history of aphasia and related topics. He gave papers based on material derived from this research at the Department of History and Philosophy of Science in Cambridge and at the Wellcome Institute. He also contributed a paper on the iconography of the microscope to the second Wellcome Anglo-Dutch Symposium in Nijmegen. He organized a fortnightly Historiography Seminar during the first two terms of the academic year. Although primarily intended for PhD students, these sessions have attracted MSc students and some of the postdoctoral fellows based at the Wellcome Institute. He also contributed to the MSc History of Medicine option. As mentioned in last year's Report, **Dr Andreas-Holger Maehle** left in April to take up his Wellcome University Award in the Department of Philosophy at the University of Durham. He will be working on medical ethics in nineteenth-century Britain. **Professor Susan Lawrence**, of the University of Iowa, was given a year's Visiting Fellowship by the Trust to work on a study entitled 'Anatomists' Bodies: Dissection, Illustrations and Medical Texts, 1650–1880'. She arrived in August.

Dr Eileen Magnello joined us in July, to work on a biography of Karl Pearson, having just completed her Oxford DPhil. Dr Ruth Richardson began her Research Fellowship in June. She will work on Victorian interment and its medical ramifications. She lectured on Dr James Barry at St Thomas's Hospital in June, and on the etiquette of mourning at St John's College Cambridge in August. Dr Andrea Rusnock almost completed her edition of the correspondence of James Jurin FRS, PRCP, before returning in January to her post at Rensselaer Polytechnic Institute, Troy, New York. The edition will make a substantial volume in the Institute's monograph series. Dr Nikolai Serikoff compiled about 8000 entries on medical terms for his project (chiefly from the WIHM manuscript collections). He also lectured on 'Byzantine and Arabic Calendar Systems and Human Health Regulations' at Hamburg University. Dr Maria Unkovskaya has compiled a prosopographical study of foreign medical advisers to the Czars in the sixteenth and seventeenth centuries.

The number of 'attached' visitors (i.e. readers for whom work space is allocated) to the Academic Unit escalated this year, with a total of 12 arriving in July alone. A number of these were on Wellcome Trust travel grants: Dr Andrea Carlino, of the European University Institute in Florence, spent three weeks in June and July working on his project 'Anatomical knowledge, graphic communication and popular images in western Europe (15th-17th centuries)'. Dr Ruth Meserve, of the Department of Central Eurasian Studies, Indiana University, spent two weeks in February working on the history of veterinary medicine in Central Eurasia. Professor Lloyd and Mrs Dorothy Moote joined us for four months during the winter to work on their book, *Medical Cultural Images of the Great Plague of 1665 in London and Essex*, splitting their time between the Institute and the University of Essex. They returned again in August for a further three months (self-funded). Professor Moote is Emeritus Professor at the University of Southern California and Affiliated Professor at Rutgers University. Dr Harish Naraindas of NISTADS, New Delhi, worked for two months on the advent of tropical medicine as a discipline in the late 19th century. Lynda Payne-Bury, of the

University of California, Davis, worked for two months on her PhD dissertation 'Wilfully mutilating the body: the cultivation of clinical detachment in early modern England'. A now frequent visitor, **Professor Tatyana Sorokina** was awarded a travel grant to give a paper at the 34th International Congress of the History of Medicine, held in Glasgow. She then worked here for two months on a historical comparison between Florence Nightingale's work and the activities of the Russian Holy Cross Community of Sisters, who cared for the war-wounded in the Crimea (1854–1856). **Dr Mary Spongberg**, of the Women's Studies Centre at the University of Sydney, spent six weeks in early spring working on the construction of the body of the prostitute in 19th-century medical discourse. **Nouha Stephan** worked for three weeks on the history of Arabic medicine and pharmacy in the ninth century, the subject of her PhD thesis at the Centre de Recherche Scientifique in Paris. **Dr B V Subbarayappa**, of the Centre for History & Philosophy of Science at the Indian Institute of World Culture, Bangalore, spent a month examining the philosophical foundations of medicine and ethics in ancient cultures.

Two people were given research expenses by the Trust: **Bernard Allaire**, of the Université de Laval, Québec, worked on behalf of the Archival Research Task Force UK (part of the *Meta Incognita* project) on the medical aspects of Frobisher's voyages (1576–1578). **Marius Engelbrecht**, of the University of Twente, spent six weeks during the summer working on 'Interpretations of madness in seventeenth century England'. He will return for further research early in 1995.

New (and returning) post-doctoral colleagues this year were as follows: **Dr Mikel Astrain**, of the Department of Anatomy and History of Science at the University of Granada came to us on a grant from the Spanish Ministry of Education. He is working on European trends in science information in the early twentieth century, and will be with us until the end of 1995. **Professor Bob Baker** accompanied students from Union College, Schenectady, this year on their annual Summer School, and returned in August for six weeks to further his ongoing researches in the field of medical ethics. **Dr John Carson**, of the Department of History at Princeton University, spent a year on an NSF

grant extending his PhD dissertation on aspects of the history of intelligence, 'Talents, intelligence, and the constructions of human difference in France and America (1750–1920)'. **Professor Donald Caton**, of the Department of Anesthesiology at the University of Florida, worked here for two weeks on the use of narcotics in obstetrics. An old friend, **Dr Luca Ciancio**, of the University of Bologna, spent two weeks preparing his edited work, *A Calendar of the Correspondence of John Strange, FRS (1732–1799)*, for publication in the Institute's Occasional Series. **Professor Allen Debus** of the Department of History at the University of Chicago, spent a month researching his forthcoming book dealing with the chemical debates in medicine between 1650 and 1750. **Professor Athanasios Diamandopoulos**, Head of the Renal Department at St Andrew's State Hospital and Director of the Museum of the History of Medicine, Patras, spent six months working on classical and Byzantine medicine. **Professor Michael Donnelly**, of the Department of Sociology and Anthropology at the University of New Hampshire, was awarded a grant by the NIH and NLM to look at the influence of medicine on statistical ways of thinking, and on social investigation more broadly. He was with us for six months. **Dr Antoinette Emch-Dériaz**, of the Department of History, University of Florida, was here for the month of March to conduct research into 18th-century mental affections and the rise of conformity. **Dr Sylvia Frenk-Elsner**, having been awarded a three-year Wellcome Research Fellowship at the Cambridge Unit to work on genetics and molecular medicine, spent part of each week here, while using the Library.

Having completed a PhD at the Warburg Institute, **Dr Monique Kornell** joined us to continue her work on the history of anatomy and art from the sixteenth to the eighteenth century. In particular, she will be researching for a contribution to a book on William Cheselden. **Professor Mary Lindemann**, of the Department of History, Carnegie Mellon University, was granted a nine-month Fulbright Fellowship to work on her forthcoming book, *Medicine and Society in Early Modern Europe*. **Professor Teresa Meade**, of the Department of History, Union College, Schenectady, worked for a month on her book concerned with the public health campaign and vaccination riot in

Rio at the turn of the century. **Dr Alfredo Menéndez**, of the Department of Anatomy and History of Science at the University of Granada, arrived in March to conduct research into 'Asbestosis and Compensation in the UK during the Inter-War Years'. He will be with us until January 1995. **Professor Kimikazu Mera** of Nihon University, Tokyo, spent nine months working on euthanasia and people's attitudes to it. He also worked on a Japanese translation of Roy Porter's book, *English Society in the Eighteenth Century*, having already translated *A Social History of Madness*. **Professor Robert Robins**, Deputy Provost at Tulane University, New Orleans, arrived in mid-July to work on political psychology. While based here, he delivered papers in Spain and Germany. **Dr Geoffrey Seidel**, a senior consultant psychiatrist at Glenside Hospital in Eastwood, South Australia, spent his three months' Sabbatical Leave at the Institute researching into suicide in the elderly in Antiquity. **Professor Dan Todes** spent two weeks in June as part of our Exchange Scheme with Johns Hopkins. Having taken part in the Science and Medicine symposium, he spoke at the June Meeting of the History of Twentieth-Century Medicine Group on 'The anthropomorphic Pavlov: politics and personal experience in Pavlov's analysis of higher nervous activity'. He spent the rest of his time here working on a biography of Pavlov. **Professor Elaine Showalter**, of Princeton University, spent six months furthering her research into hysteria.

As is usual, we had a number of new, or returning, young scholars from various parts of the world, who use the resources of the Institute for their post-graduate research:

Dr Marya Arfer, of the Department of History at the University of California at Berkeley, spent three weeks working on the ethical and professional dilemmas faced by doctors in war. **Chandrika Paul**, PhD candidate at the University of Cincinnati, returned for a further two months. She concentrated her researches this time on nursing in India from the early 1830s to the present. **Roberta Bivins**, of the Massachusetts Institute of Technology, came to conduct research for her PhD dissertation 'Acupuncture in Britain and the cross-cultural transmission of medical knowledge' under Roy Porter's supervision. **Henriette Bruun**, a student of classical philology at the University of Aarhus,

Denmark, spent five months under the supervision of Vivian Nutton while researching her MA thesis on Hippocrates. **James Hanley**, of the Section of the History of Medicine, Yale University School of Medicine, spent two weeks in March working on his PhD thesis on Chadwick and the 1848 Public Health Act. He returned in late September for a further nine months. **Greg Mann**, of the University of California, San Diego, spent three months here, working towards his PhD on the history of Alzheimer's Disease. **Laurence Monnais**, of Paris VII University, worked on tropical medicine and its expansion through the Indo-Chinese colonial experience. **Dr Christoph Schweikardt**, a recently qualified medic from Germany, conducted research on 'The Theoretical Principles of Galenic Therapy in the Work of Gregor Horst and a Comparison with Jean Fernel'. **James Strick** spent two months working on his Princeton PhD on spontaneous generation and the struggle between medicine and laboratory science in the late nineteenth century. **Takahiro Ueyama**, of Stanford University, spent two periods of several weeks researching his PhD dissertation on concepts of medical and physical degeneration in 19th-century England, with special reference to medical technology.

Several postdoctoral Fellows and PhD students have longer-term relationships with the Institute:

Dr Gillian Cronjé is completing the final stages of her history of the Westminster Hospital Group. **Dr Ann Dally** is turning her study on Sir Arbuthnot Lane into a monograph and has begun work on a biography of Dr William Sargent, the psychiatrist. **Professor Kan-Wen Ma** was appointed Guest Professor at the University of Vienna and lectured for a term in 1994 at the Institute for the History of Medicine on comparative traditional Chinese and modern Western medicine. He also spoke at the Academy of Lower Austria on traditional Chinese medicine, and at the Institute for the History of Medicine (attached to the Ludwig-Maximilians-Universität München), on women healers in the history of Chinese medicine. **Norris Saakwa-Mante** continued work on his Harvard thesis, 'The Emergence of Race in Britain, 1770–1850', and hopes to conclude his studies in the middle of 1995. **Dr Akihito Suzuki** was awarded a two-year Overseas Postdoctoral Fellowship from The Japan Society for the

Promotion of Science – to work here on his project, ‘The Making of Psychiatry in London 1815–1845’. **Dr Jeremy Taylor** has spent much of this year drafting a book on Victorian and Edwardian hospital architecture, based on previous research. **Professor J A Walker-Smith**, having returned to his post at St Bart’s, gave a talk in the series ‘People and Ideas in Medical History’, entitled ‘Sir George Newman, Infantile Diarrhoeal Mortality and the British Empire’.

None of our PhD students defended their theses this year, but **Alexander Zahar**’s was satisfactorily examined through the Department of Philosophy at UCL.

Our sole new PhD student this year, **Hannah Augstein**, is examining certain aspects of ideas about race and nationality in the late eighteenth and early nineteenth centuries, concentrating on the work of Blumenbach in Germany and James Prichard in Britain. Her supervisor is Chris Lawrence. Two people joined us to work on historical MD theses. **Dr David Marjot** is working on a history of Broadmoor, and **Dr Andrew Hodgkiss** on ‘Pain Without Lesion in the Nineteenth Century’. Both are under Bill Bynum’s supervision.

Research Students actively working in the Unit in 1993-94 were as follows:

Patricia Archer, Dip FA	The establishment of an association of medical artists in Great Britain in 1949 and a survey of the profession in the 20th century
Michael Arton, BA, MPhil	The professionalization of mental nursing in Great Britain, 1850–1930
Hannah Augstein, MA	Anthropology and the rise of racial theory from Blumenbach to Prichard – a comparative study
Patricia Bracegirdle, MSc, DIC, ARPS, FIBiol	The development of histology in the curriculum of the London medical schools in the nineteenth century
Bettina Bryan, MB, BS, MSc	Nineteenth century German medicine, the emergence of

	neurology in Germany with main focus on the 'Heidelberg School of Neurology
Rowland C Fereday, BDS, FDSRCS	Ideas on the Physiology of mastication in the nineteenth century
Andrew Hodgkiss, BA, MB, BS, MRCPsych, Dip Clin Psychoth	Pain without lesion in the nineteenth century
Fred James, BS, MD, FRCPsych	The life and work of Thomas Laycock (1812–1876), with special reference to neuro-psychiatry
Andreas-Holger Maehle, Dr med, Dr med Habil	Experimental pharmacology in the eighteenth century
David Marjot, MB, FRCPsych	A history of Broadmoor
Kathy Panama, BA, MB, BS, MSc	A history of pathological illustration, 1820–1920
Katharina Rowold, BA	The academic woman: negotiating the female mind and body in Britain and Germany, c.1860–1914
Sister Anne Thompson, B Ed (Hons)	A history of the International Confederation of Midwives

Patricia Archer continued as an Examiner for the Medical Artists' Association Postgraduate Programme, an Assessor for university courses in London and Manchester and as a Member of the Education Committee and of the Fellowship Board. She also continued as Archivist to the Association's Archival Collection, which is housed at the Barber-Surgeons' Hall in the City of London. Part of the exhibition she organized last year, 'A Brush With Medicine', was shown at the Guildhall in 1994. **Michael Arton** gave a paper, 'Activities of British Special Forces in Greece prior to the Kalavryta Massacre in December 1943' at the International Symposium – 'Kalavryta 13 December 1943', in Athens on 26–29 November. He also spoke on 'The Employment of Female Nurses in the Care of Male Patients in UK Asylums; Part of the

Process of Hospitalization' at the Institute's Work in Progress Seminar series in March. Dr Bettina Bryan gave a paper in May at the 4th Symposium of the German Society for the History of Neurosciences (DGGN), on Wilhelm Erb and his attempts to establish an electrotherapeutic ward at Heidelberg University Hospital. Dr Andrew Hodgkiss continues as an assistant editor of the Journal, *History of Psychiatry*. Anne Thompson gave a paper, 'Dilemmas in Midwifery Practice' at a midwives' conference in Cambridge in October.

The History of Twentieth-Century Medicine Group has had a successful second year of activities based in the Wellcome Institute, and continues to be directed by a steering committee chaired by Sir Christopher Booth, who is also Harveian Librarian of the Royal College of Physicians. The committee meets regularly and the other members are Dr Stephen Lock, Professor Bill Bynum and Dr Tilli Tansey who, as the Secretary of the Group, is principally responsible for the administration of all the Group's activities. Mrs Wendy Kutner continues to act as part-time secretary to the Group, and to Sir Christopher, Dr Lock and Dr Tansey. The core activity of the Group of monthly seminars remains, as does the production of the Group's regular *Newsletter*, the arranging of additional meetings and collaboration with other organizations in developing the history of twentieth-century medicine and medical science. The meetings are well attended by historians, clinicians and scientists and have been successful in attracting many participants new to the history of medicine.

Research

The activities of permanent staff of the Institute are given below.

Dr David Allen managed to squeeze time from his ever-increasing workload as Coordinator of the Trust's History of Medicine Programme to continue teaching on the MSc Life Sciences course and to pursue his long-term research project on the non-written tradition of herbal medicine in the British Isles. To his honorary membership of the Society for the History of Natural History was added during the year that of the Botanical Society of the British Isles, of which his sesquicentenary history was published some while back.

Dr Janet Browne increased her part-time allocation at the Institute to include full responsibility for the course on 'Man's Place in Nature'. Both she and the undergraduates enjoyed making use of the wide range of audio-visual facilities offered by the Institute. This set of lectures was added to her long-established routine of teaching the history of biology (with Michael Neve) to MSc students from the London Centre for the History of Science and Medicine. She has also completed her first year as editor of the *British Journal for the History of Science*. During the year she edited and produced a *Guide to History of Science Courses in the UK*, and agreed to act as Associate Editor (for natural history) for the *New Dictionary of National Biography*.

Professor W F Bynum saw the long-awaited (at least by him) publication of his *Science and the Practice of Medicine in the Nineteenth Century* by Cambridge University Press, and the appearance, from Routledge, of the two-volume *Companion Encyclopedia of the History of Medicine*, which he edited with Roy Porter. He spoke on the latter at the 1994 meeting of the American Association for the History of Medicine. In October 1993, he gave the Lattimer Lecture at the New York Academy of Medicine and in December was the John F Fulton Fellow at Yale University, where he delivered the Beaumont Lecture, talked to the Nathan Smith Club and gave a departmental seminar. He co-organized and contributed to a discussion meeting on 'Malaria and Ecology' at the Rockefeller Foundation Villa in Bellagio, Lake Como, Italy. Closer to home, he mounted the pulpit to address the Harveian Society in the church where William Harvey is buried, and delivered the Osler Oration to the Osler Society of London. He completed his term as President of the Medical Sciences Historical Society, sat on the council of the British Society for the History of Science, the History of Science Grants Panel of the Royal Society, and the British Library's Committee on the Culture of Science, Medicine and Technology. He served on the editorial board of three scholarly journals, the Academic Advisory Board of Athlone Press and co-edited *Medical History*. His research has focused primarily on medical science and academic medicine in the late nineteenth and twentieth centuries. He appeared on 'Night School' for BBC2, Radio 4 and the World Service.

Dr Lawrence I Conrad continued to work in a variety of areas relating to the Near East. With Dr Dominik Wujastyk, he organized a major two-day symposium on 'Conceptions of Contagion in Pre-Modern Societies' in December 1993, and the proceedings are now being prepared for publication. He also convened the fourth workshop of the Late Antiquity and Early Islam project, of which he is Co-Director, at WIHM in May 1994, and these proceedings are also in course of preparation for publication. A collaborative work on historiography with Professor Albrecht Noth (University of Hamburg) was published in May, and a reprinting in the Variorum Collected Studies Series of his articles on epidemic disease in the early medieval Near East has been arranged. He continues actively to work on Arabic manuscripts, both at WIHM and in the Old City of Jerusalem, and eagerly awaits a second lifetime to make all of this information available. He continues to offer his elective paper on the social history of medicine in medieval Islam, and he lectured in London, Cambridge and Madison.

He also continued in his efforts toward a more inter disciplinary and collaborative approach to the history of non-Western medical traditions. A contract has been signed with E J Brill for a major three-volume collaborative history of eastern medical traditions, for which he will act as General Editor, and which will be published in Brill's *Handbuch der Orientalistik*. At the Fourth International Conference on Traditional Asian Medicine, convened in Tokyo in August, he was elected President of the International Association for the Study of Traditional Asian Medicine, the leading scholarly organization for this area in medical history.

He and Dominik Wujastyk continue to organize the successful Wellcome Institute seminar on 'Medicine, Science and Technology in Asian Cultures', now entering its fourth year and the only venue where medical historians pursuing research on the medical systems of the East can meet with each other, as well as with clinicians from these cultures and others familiar with them, to exchange ideas and discuss common issues. A course on Eastern medical traditions, to be offered with Dr Wujastyk and Dr Christopher Cullen of the School of Oriental and African Studies beginning in the fall of 1995, is in the

advanced stages of planning and will again provide a unique opportunity, this time for undergraduate students, for the inter disciplinary pursuit of medical history in cultures outside of the Western tradition.

Dr Anne Hardy continued her research on the history of the London School of Hygiene and Tropical Medicine, in collaboration with Lise Wilkinson; the first draft of the book is nearly completed. She delivered seminar papers at the Wellcome Unit, Oxford; the London and Middlesex Archaeological Society; the Museum of London; Luton University; the Cambridge Group for the History of Population; the WIHM symposium on 'Medicine and Science in the 1890s'; the Institute of Child Health and the Wellcome Unit, Manchester. She has chaired sessions of the History of Twentieth-Century Medicine Group and the British Records Association Annual Conference; examined a PhD thesis at Liverpool University (G P Mooney, Department of Geography); continues to teach 'Medicine and Modern Society' for the Intercalated BSc programme, and is currently supervising or co-supervising two PhD students (Keir Waddington, UCL; Carole Reeves, UCL external). She was appointed to serve a two-year term on the Board of Management of the Centre for Urban History, University of Leicester, in November 1993.

Dr Christopher Lawrence was promoted to Reader, with effect from 1 October 1994. He completed and saw the publication of his short study for undergraduates, *Medicine in the Making of Modern Britain, 1700-1920*. He has been working on Thomas Horder and also the image of the physician and surgeon 1600 to the present. He organized a highly successful symposium 'Bodies of Knowledge' and is editing the papers for publication (with Steven Shapin). He remains on the editorial board of *Annals of Science*. He was invited to join the board of the *Journal of the History of Medicine*. He served his final year as Secretary to the Board of Studies in the History of Science, Technology, Medicine and the Philosophy of Science for the University of London and acted for the final year as Course Tutor for intercalated students. He appeared on Channel Four *J'accuse, Leonardo da Vinci*.

Dr Michael Neve continued his teaching on undergraduate and postgraduate courses on the life sciences, psychiatry and the history of nineteenth-century

degeneration. He completed the conclusion and bibliography for the history of medicine textbook prepared by some members of the Academic Unit; revised his edition of Darwin's autobiography for Penguin Classics and completed his research on the career of Sir James Crichton-Browne (with Dr T H Turner of St Bartholomew's Hospital). He continued to organize parts of the Institute's seminar series, and taught part of a course on 'The History of Infection' with Dr Jane Anderson of Bart's (taught at the Royal London Hospital, Whitechapel). In April, he delivered lectures on the history and current state of the NHS at the History of Health Sciences Department at the University of California, San Francisco; in August he lectured on the life and works of the psychoanalyst Wilhelm Stekel (1868–1940) at the annual meeting of the Royal College of Psychiatrists in Cork, Ireland. He continued as a member of the editorial board of the *London Review of Books*.

Professor Vivian Nutton has continued to travel widely to deliver lectures in Britain and Europe, in a variety of languages and to a variety of audiences. In November 1993, he gave the Bishop Memorial Lecture to the Medical, Health and Welfare section of the Library Association on 'Medicine and Printing in the Sixteenth Century'. In May 1994, he gave the first Sheila Kassmann Memorial Lecture in Ancient Philosophy at the Classical Institute in London on 'Galen and the Creation of a Medical Philosophy'. In March 1994, he was the keynote speaker at a conference at the Sorbonne on editing Greek medical texts. He lectured on late antique medicine in both London and Hamburg, and, in German, on Paracelsus at a major symposium held in Basle, where Paracelsus once taught, to celebrate the five hundredth anniversary of his birth. Closer to home, he has lectured on the language of late medieval medicine at the Warburg Institute, and on renaissance anatomy to the annual conference of British Art Historians in Birmingham. He also contributed papers to Wellcome symposia on contagion and on the development of medical historiography in the first half of this century. In addition to co-editing *Medical History*, he has published widely on aspects of Greek medicine and science from antiquity to the Renaissance, and been responsible for most of the first section of the forthcoming collective Wellcome volume

The Western Medical Tradition, 800 BC – AD 1800. He also announces that he has finished the first draft, after almost 20 years, of what will be the first ever edition of Galen's philosophical testament, *On My Own Opinions*. He justifies this tardiness by pointing out that other scholars have spent over a century in trying to reconstruct and understand this complicated text without even coming this close to publication.

During the academic year 1993–1994 **Professor Roy Porter** completed his *London: A Social History*, did the groundwork on *The Cambridge Illustrated History of Medicine*, of which he is Editor, and (among many other projects) worked on his *History of Gout* which is now nearing completion.

In February 1994 he delivered the George Sarton Lecture before the AAAS. He also lectured in Sweden and The Netherlands as well as giving seminar papers at numerous British universities, medical schools and hospitals. He also chaired or presented 28 radio or television programmes, and appeared on a great many others. He has been described in the media as 'our greatest medical historian' and 'our leading social historian', accolades which the British Academy have recognized in electing him a Fellow. His output remains as it was, phenomenal.

Dr Tilli Tansey continued to work on the history of modern medical sciences, particularly on the career of Sir Henry Dale, and on the history of the National Institute for Medical Research. She has spoken of her research work to several groups including the Harveian Society; the Second Anglo-Dutch History of Medicine Conference in Nijmegen; a Health Services Colloquium at the Royal College of Physicians, and represented the Wellcome Institute on the Wellcome Netherlands History of Medicine Series at Maastricht. She co-organized and gave papers at two Wellcome Institute Symposia, collaborated with Dr Ken Arnold in organizing an exhibition on the centenary of the discovery of adrenaline to coincide with a Harden Discussion Meeting of the Biochemical Society at which she also spoke, and also assisted Dr Arnold in the preparation of the 'Pills and Profits' display in the Wellcome Institute's exhibition gallery. In January 1994 she gave the inaugural Paton memorial lecture of the British Pharmacological Society, founded in commemoration of Professor Sir William Paton, the distinguished pharmacologist and former Wellcome

Trustee. She has contributed to the B4 'Introduction to the Neurosciences' course in the Department of Anatomy. She remains the Secretary of the Wellcome Trust's History of Twentieth-Century Medicine Group, and organizer of a monthly series of seminars and workshops on twentieth-century medical history, including a Witness Seminar on 'Monoclonal Antibodies' in September 1993, and co-edits, with Anne Hardy, a newsletter in the history of twentieth-century medicine. She has written and spoken of the group and its work to several audiences including a conference on oral history techniques at Stanford University. She supervises, with Dr Chris Lawrence, a scheme for practising scientists and clinicians to undertake modern historical research, and speaks to school groups under the *Talking Science Plus* scheme. Within the Physiological Society, she continues as Honorary Archivist, serves as Secretary of the Society's History and Archives Sub-Committee, is a member of the Magazine Sub-Committee, and chairs a joint working party with members of the Science Museum staff to identify and collect historical equipment. She is also Convenor of the Society's Special Interest Group in the History of Physiology.

Dr Andrew Wear has continued to research on early modern medicine. He gave papers on seventeenth-century medicine at Durham University and on early forensic medicine at the Third Dillington Symposium. He has been consulted by independent television companies on aspects of early modern medicine. During the year he saw published *Doctors and Ethics*, which he edited and contributed to; he has been editing with Eilidh Garret a special issue of *Continuity and Change* on infant care and mortality in the nineteenth and twentieth centuries; and he began writing a book on the history of colonial and empire medicine. He was external examiner at Aberdeen and Cambridge Universities and he continues on the editorial board of *Renaissance Studies*.

The 38th volume of *Medical History* was published in 1994. It contained 508 pages, 22 major articles, five obituaries and 101 book reviews and notices. For the first time, one of its illustrations was in colour. Of the 51 manuscripts submitted, 22 were rejected. Although this represents a rejection rate of 43%; in practice it is always higher, since a number of authors find the extent of revision too great. Over the years, the ratio of papers published to papers submitted has

been fairly constant at 1:2.5 (ca. 40%). The topics appearing in volume 28 ranged from dog distemper and hookworm to spinal epilepsy and cretinism; from *protomedici* in early modern Italy to the Belgian medical profession in the nineteenth century; from medical advertising to oral rehydration therapy. Seventy-nine external referees and 12 Institute staff and associates assisted in the evaluation process; 48 scholars reviewed books in the volume. The 1993 supplement was Joan C Ward and Joan Yell (eds), *The Medical Casebook of William Brownrigg, MD, FRS (1712–1800), of the Town of Whitehaven in Cumberland*. Arrangements were completed to make both *Medical History* and *Current Work in the History of Medicine* available at very favourable rates to Friends of the Wellcome Institute. It is hoped that this will increase the circulation of these two publications, as well as making the Friendship even more attractive to the scholarly community.

The Wellcome Institute Series in the History of Medicine (Routledge version) ended on a high note with L S Jacyna's *Philosophic Whigs: Medicine, Science and Citizenship in Edinburgh, 1789–1948*. The first volume (Monica Baly's *Florence Nightingale and the Nursing Legacy*) appeared in 1986. Since then there have been 22 titles – roughly three per year. This is the rate that we expect to maintain with the new Wellcome Institute Series, with the Dutch publisher Rodopi. Miraculously, three new titles have appeared:

Andrew Wear, Johanna Geyer-	Doctors and Ethics: The Earlier
Kordesch and Roger French (eds)	Historical Setting of Professional Ethics.
Ann La Berge and	French Medical Culture
Mordechai Feingold (eds)	in the Nineteenth Century.
Dorothy Porter (ed.)	The History of Public Health and
	the Modern State.

The general editors of the Wellcome Series are W F Bynum and Roy Porter.

Teaching

No fewer than 12 undergraduate and two postgraduate courses are taught by staff of the Academic Unit. The postgraduate courses on the history of medicine and the history of the life sciences constitute part of the MSc degree course, run by the London Centre for the History of Science, Medicine and Technology. The Centre brings together the Wellcome's Academic Unit with the Department of History, Philosophy and Communication of Science at University College and the History of Science, Medicine and Technology Group at Imperial College. Although the MSc programme is self-contained, it also acts as a conversion course for a significant number of its students who subsequently stay on to undertake PhD research. A number of its students are self-funding, but three students in 1993 succeeded in winning British Academy studentships. In addition, the Wellcome Trust has now generously made available three quota awards; their existence is useful in recruiting, and the three outstanding recipients in 1993–94 began PhD research following the completion of the MSc course. The 10 000 word dissertation was tailored towards the area of PhD work, with the hope that this higher degree could be achieved in two further years. Dr Jacyna's seminar in research methods and techniques is designed with this new structure in mind; this initiative is in line with general guidelines which the Government has encouraged during the past couple of years.

The undergraduate papers are offered through the Department of Anatomy, though they are now so numerous that they bear formal History of Medicine course numbers. The core of the teaching programme has always been the Intercalated BSc in the History of Medicine, now available to students from any medical school in the UK who have successfully completed the second MB examinations. Students can also intercalate after one or two clinical years, and although most students come from the London medical schools, a trickle of students from other medical schools have been our best recruiting officers, and we anticipate a steady widening of the parent medical schools over the next few years. The Wellcome Trust generously provides fee support and some maintenance for most of the students, although the level of maintenance means that most students also rely on savings, loans or parental help during the year.

Thirty-six medical students attended the 1993–94 intercalated session. They are listed below (with their medical school and final degree class):

Sarah Andersen	UCL	IIi
Jennifer Anderson	UCL	IIi
Jonathan Bird	UCL	IIi
Katie Bird	Bart's	IIi
Sarah Bourne	UCL	IIi
Simon Brooks	Charing Cross	IIi
Cathy Bruce	UCL	IIi
Roisin Buckley	Mary's	IIi
Lisa-Jayne Clark	Charing Cross	IIi
John Clement	QMW	IIi
Pippa Cox	UMDS	IIi
Tahira Ellahi	UCL	IIi
Marc Epps	Bristol	IIi
Sian Field	UCL	IIi
James Garner	Mary's	I
Richard Griffiths	UCL	IIi
Anjna Gupta	George's	IIi
Kevin Hamilton	UCL	IIi
Andrew Hodson	Charing Cross	IIi
Paul Holmes	Charing Cross	IIi
Simon Hughes	Bart's	IIi
Mark Lyall	London Hospital	IIi
Katy Marden	UCL	IIi
Alan McGlennan	UCL	IIi
Waqar Rashid	Charing Cross	IIi
Zöe Reay	Charing Cross	IIi
Ruth Roberts	London Hospital	IIi
Emma Schofield	Charing Cross	IIi
Alan Speers	UCL	IIi
Amelia Stockley	Bristol	IIi

Timothy Sullivan	Charing Cross	IIi
Emily Taylor	London Hospital	IIi
Elizabeth Watts	Mary's	IIi
Hannah Western	Charing Cross	IIi
Meme Wijesinghe	Charing Cross	IIi
Caroline Williams	Charing Cross	IIi

The half-unit courses, taken by intercalated students and students from other science departments, were as follows:

1. History of Medicine C20: Medicine, Disease and Society, Antiquity to Renaissance, 20 lectures, Prof. Nutton *(37 students)*
2. History of Medicine C21: Madness and Society, 24 lectures, Dr Neve *(111 students)*
3. History of Medicine C22: Patients and Doctors in History, 20 lectures, Prof. Porter *(58 students)*
4. History of Medicine C110: Basic Medical Science and Clinical Medicine in Eighteenth- and Nineteenth-Century Society, 22 lectures, Dr Lawrence *(37 students)*
5. History of Medicine C111: Medicine in Modern Society, 20 lectures, Dr Hardy *(45 students)*
6. History of Medicine B12: Man's Place in Nature: The Debate in Britain 1750–1900, 20 lectures, Dr Browne *(33 students)*
7. History of Medicine C116: Colonial and Empire Medicine, 20 lectures, Dr Wear *(35 students)*
8. History of Medicine C7: Research dissertation in the History of Medicine, members of staff *(36 students)*

The inauguration of the Norah Schuster Prize at the Section of the History of Medicine at the Royal Society of Medicine was mentioned last year. This year, three of the five prizes were awarded to the following intercalated students from 1992–93, who presented their papers (based on their C7 dissertations) to the History of Medicine Section of the RSM on 6 April 1994:

Dr Nick Barnes, London	The Dockers' Hospital, Poplar (1850 to 1950)
Liz Davies, UCL	'But Envy Rots the Bones': The Judaean-Christian Understanding of Health and Healing in the Biblical Account
Fingal O'Reilly, Guy's	'As Circumstances Will Allow': William Fergusson's Contribution to Army Medical Care in the Peninsular War

The evening finished, as has become the custom, with a buffet meal attended by staff, students and members of the RSM section. One of the talks given in 1993, Kathryn Waite's on hay fever in the nineteenth century, will shortly appear as an article in *Medical History*.

Our two external examiners, Dr Richard Smith, FBA, Director of the Wellcome Unit in Oxford, and Dr John Henry, Lecturer in the History of Science and Medicine at the University of Edinburgh, both completed their three-year stints. They have both carried out their time-consuming duties with grace, humour and efficiency.

The above courses consist of the intercalated 'package'; but they hardly exhaust the teaching activities of academic staff. First-year UCL medical students have a history of medicine option, organized by Professor Bynum and Dr Hardy. The Friday afternoon slot means that some of the students chose a two-and-a-half day weekend rather than the stimulation of videos, discussion and a field trip to the Wellcome Galleries at the Science Museum. Nevertheless, a handful of hardy souls finished the course and seemed glad that they had. Second-year medical students may choose a research project in the history of medicine, individually supervised by a member of staff; eleven of them did in 1993-94. In addition, several final-year human sciences dissertations were in history of medicine, and human sciences students over the years have always found our individual papers of interest and relevance.

The range of options for history students from throughout the University has also been maintained. These include Dr Neve's advanced E-paper on 'Theories of Degeneration in Late Nineteenth-Century Science, Medicine and Culture', and the D-papers by Professor Porter, Dr Wear and Dr Conrad on 'Mental Disorder and Psychiatry in Britain, 1650–1850', 'Health, illness and welfare in England, 1550–1750', and 'Medicine in Islamic Society'. Their combined enrolment of more than 70 attests to their popularity, although the break-up of the Federal University of London has made these types of courses something of administrative nightmares. The constituent Colleges, Institutions and Schools of the 'University' begin and end terms on different dates, and students taking the same paper may be on different sets of degree regulations and consequently assessed and examined in different ways. It is to be hoped that, in a few years' time, some genius will reinvent the old University of London.

The Academic Programme

The Unit's academic programme has gradually developed over the past decade to its present unique position. It draws together an extended Wellcome family in a variety of formats, to discuss a wide range of themes. Members of the Unit organized seven separate seminar series, seven one- or two-day symposia, and a half-day witness seminar.

Roy Porter co-ordinated the Unit's fortnightly thematic research seminar on the topic 'Doctors and the State'. Most of the speakers were (or have been) connected either to the Institute or one of the Wellcome Units. Attendance remained good throughout the year, as participants came to discuss such diverse topics as Scottish forensic medicine, South African social medicine, German medical regulation and Kensington maternal and infant health care.

Michael Neve again took charge of the general History of Science and Medicine Series, which meets on alternate Wednesdays to the thematic series just mentioned. Topics were, as always, eclectic. Much home talent was exploited, and in addition, Howard Markel from the University of Michigan, George Rousseau from Magdalen College and Sanjiv Kakar from the

University of Delhi, contributed to the series. Miracles at Lourdes, hospital funding, Scottish psychiatric asylums and British industrial decline were among the topics presented.

Drs Conrad and Wujastyk continued their fortnightly 'Medicine, Disease and Technology in Asian Cultures', 'Asia' in this context including medieval Egypt and medieval Islam as well as Rajastan, Tibet and China. Topics included apes and the medicine god Sun Simiao, Indian minerals and Biblical pestilence. Professor David Pingree (Brown University, Rhode Island) and Samuel Kottek (Jerusalem) shared the prize for travelling the furthest.

The monthly lecture series 'People and Ideas in Medical History' continued to meet in University College, moving from the Thomas Lewis Lecture Theatre to the Haldane Room. Thomas Lewis was, however, one of the 'people' chosen by Arthur Hollman for explication. Other people included Semmelweis, William Withering, George Newman and Mary Shelley, along with radium dial painters, whose tragedies were investigated by H S Hartland.

As mentioned elsewhere, the Twentieth-Century History of Medicine Group has continued to be responsible for a range of activities that Dr Tansey coordinates. The monthly seminar series has included papers on medical technology (Dr Trevor Williams, Oxford), haemorrhagic shock (Professor Robert Joy, Bethesda), the work of Ivan Pavlov (Professor Dan Todes, Johns Hopkins), and the cerebellum (Professor Mitch Glickstein, UCL). Utilizing the successful Witness Seminar format that was developed last year for a meeting on 'Monoclonal Antibodies', a meeting on the early history of renal transplantation was held in September 1994. Participants included Professor Joseph Murray and Professor Francis Moore from Harvard; Professor Thomas Starzl (Pittsburgh); Professor Sir Michael Woodruff (Edinburgh); Professor Jon van Rood (Leiden); Professor Leslie Brent (London); Professor Roy Calne (Cambridge); Mr John Hopewell (London) and Professor David Slome (Buckinghamshire). Dr Tansey also completed editing the lengthy transcript of the 'Monoclonal Antibodies' meeting, which will be deposited in the CMAC.

Seven symposia were held during the year:

1993	15 October	Roy Porter and Ornella Moscucci History of Childbirth in the Twentieth Century
	12 November	Vivian Nutton and Roy Porter The History of the History of Medicine
	10–11 December	Lawrence Conrad and Dominik Wujastyk (with the European Ayurvedic Society and IASTA) Contagion: Perspectives from Pre-Modern Societies
1994	23 February	Tilli Tansey and Holger Maehle Animal Models in Health and Disease: Historical Perspectives
	28 March	Chris Lawrence The Body of Knowledge: The Physical Presentation of Intellectual Selves
	6 May	Bill Bynum The History of Malaria and War
	10 June	Bill Bynum and Tilli Tansey Science and Medicine in the 1890s

In addition, Roy Porter organized the fortnightly work-in-progress seminars, which complement a regular seminar which research students and Fellows run for and by themselves.

The success of the Academic Programme depends largely on the energy and enthusiasm of the participants. It has come to occupy an important function in integrating the Unit and the Library, as well as providing the initial stimulus for many publications.

As always, it is pleasant to end on a note of thanks, especially to the representatives of the two institutions which shape our endeavours: the Governors of the Wellcome Trust and Professor Geoffrey Burnstock of the Department of Anatomy and Developmental Biology, University College London.

General

Reader numbers continued to climb: 22% up on the previous year, despite a three-week closure to the public. The staff are to be congratulated on rising magnificently to the extra demands made on their time and energies.

In common with all Wellcome Trust staff, Library staff took part in a wide-ranging Climate Survey, conducted as a preliminary exercise to a fairly radical restructuring of pay and remuneration conditions. The Survey sought opinion on a variety of issues contributing to, or detracting from, job satisfaction in the broadest sense. In general, and bearing in mind the insidious dangers of complacency, it is pleasing to report that few, if any, fundamental problems emerged within the Library. Those concerns which did surface, tended to be common to all sectors of Wellcome Trust staff. Self-examination is properly followed by amendment of life; and to that end, largely following staff rather than management initiatives, measures have been taken to improve internal communications and better inter departmental understanding.

Problems for the Library remain or loom. A proportion of those book losses, which a very preliminary and 'dirty' analysis of the shelf-check results has revealed, must be real: even when the deficiencies of the record used as a measure are taken into account. Security of stocks, particularly those available to the public on open-access, will need re-examination. Book thieves steal not only the object itself, but also the time, energy and cost of search and, if possible, replacement.

Future storage needs are a current preoccupation seeking a resolution before the lease on the Enfield Store runs out in May 1997. Present estimates suggest that the remaining usable space in Bentley House and 210 Euston Road will be insufficient to absorb all the contents of the 4.32 miles of occupied shelving at Enfield. The growth of the Library, and measures to control and direct that growth, will be major considerations for the future.

Staff

Isobel Hunter joined CMAC on 1 October 1993 in a most welcome additional permanent post for this Department.

From **Early Printed Books**, Gerald Beasley returned to his former field of

interest, taking up a post of Bibliographer at the Canadian Centre for Architecture, Montreal. After a cliff-hanging brush with Canadian immigration, he left us on 7 January 1994. There followed an interval of nearly six months before Sarah Bakewell transferred from **MOBS** (as from 4 July 1994), after the post had been advertised and she had beaten off external opposition. While still with **MOBS**, Sarah had successfully completed her two-year part-time librarianship course at UCL. Miriam Miller completed her short-term contract and moved to similar retroconversion work at Lambeth Palace Library on 31 January 1994.

Oliver Vicars-Harris, Database Developer on the **Iconographic Collections** Videodisc project, left his post after three years on 21 October 1993 to join a new and in some respects similar project at the Guildhall Library. After Oliver's departure, Rhian Harris was promoted to Senior Picture Cataloguer. Oliver's post was split into two part-time positions which were filled by Christian Kerslake (from 8 November 1993) and Lorna Cunliffe-Lister (from 1 December 1993).

The vacancy created in **MOBS** by Sarah Bakewell's translation to **Early Printed Books**, remained unfilled at the end of the year under review. Stephanie Allen left her Current Awareness post to seek job opportunities in her native Midlands. Jim Williamson, an Enfield Store veteran with six years' service, left the Store in March 1994 to take up a 12-month contract post at Euston Road as Stack Assistant. Jim was replaced first by Fraser Cook, from 21 March until 13 May, and then by Mark Taylor, from 31 May until 16 September 1994. This short-term post is currently vacant. Michael Devall, the van driver, left after more than three years' service to return to his old occupation in motor cycle mechanics. John Daffada left the Department on 30 September 1994 to resume his studies at Leeds University on an MA course on industrial waste management. Sue Rose did a brief but much appreciated spell of agency work for the Department between 4 and 22 October.

Dominik Wujastyk bade a temporary farewell to **Oriental MSS & Printed Books**, when he left at the end of July 1994 for eight months' study leave in India. Based in Bangalore, he plans (in the ancient manner) to sit at the feet of a *pundit*, learned in traditional Sanskrit medical texts. Dr Peter Friedlander

completed his Fellowship, and with it his catalogue of the Library's rich collection of Hindi manuscripts, at the beginning of September 1994. He left to take up a teaching position in Bihar, but in the hope of returning to Wellcome later to catalogue the Punjabi manuscripts.

In February 1994 Claire Nutt joined **Reader Services** as the fifth member of the team. Rachel Davies married in April and is now Rachel Wermann. She qualified in June, completing her examinations successfully at the end of a two-year part-time course in librarianship at the UCL School.

Secretarial services within the Institute lost Sue Hordijenko on 18 October 1993 when she moved to the Wellcome Centre to become their Visitor Services Coordinator. Mohsina Somji took her place and started work in the Institute on 15 November 1993.

Departments and Services

Conservation

The long-running conservation survey of the Library's stocks of monographs and serials was finally completed by the end of the year under review. On the basis of the findings, a rolling programme of work, on a department-by-department basis, was initiated. This programme will be reappraised after one year's continuous operation.

Conservation staff worked on a variety of prints and posters, four south Asian palmleaf manuscripts, and some Hindi material. The regular staff were joined for a time by Anna Wise, on a contract basis. She worked particularly on Burmese Pali manuscripts; the cleaning and boxing of volumes from the Lister Collection; on minute books; and watercolours and mezzotints. She provided CMAC with several boxes and large folders for the storage of outsize materials.

During September, a German student Rosi Ketzner from Camberwell College did supervised work on Tibetan MS no. 38. Her completed work was submitted for the National Preservation Office Conservation Competition and attracted a third prize.

External commercial binders and conservators bound or repaired 421 items.

On 27 and 28 April 1994 the Department opened its doors for demon-

stration purposes to all Wellcome Trust staff. Examples of current work and research projects were shown, and conservation staff were on hand to answer questions and demonstrate techniques. The success of these open days (approximately half the Trust's staff put in some sort of appearance) suggests that they may well be worth repeating.

During November 1993, the Head of Conservation Tony Bish travelled to Madras and Kottaiyur in southern India to assess the physical condition of the Muthiah Library of Tamil medical literature. He was able to give the local librarians valuable advice on storage conditions and problems.

Closer to home, Department staff attended a number of useful professional conferences and workshops. These included the annual conferences of the Institute of British Paper Historians (Oxford), the Society of Archivists (Lancaster) and the National Preservation Office (London). Two Institute of Paper Conservation Workshops were held – one on board-slotting, in Oxford, and another on the evaluation of materials, in London. The Department was also represented at the International Institute of Conservation's International Congress held in Ottawa, on the theme 'Preventative Conservation: Practice, Theory and Research'.

The Departmental Head lectured at Camberwell College's MA Conservation Course, and was once again one of the judges of the Conservation Bookbinding Competition organized by the National Preservation Office and the sponsors, Messrs Riley, Dunn & Wilson. He continued as a member of the NPO Panel of Conservators, the UK Panel of the International Standards Organization, and as an Assessor for the City & Guilds examinations. The Society of Archivists used him as an examiner for their Conservation Certificate, and for the assessment of Instructing Conservators.

Exhibitions

Two exhibitions were featured in the Fourth Floor Gallery. The first, *Birth and Breeding: The Politics of Reproduction in Modern Britain* ran from October 1993 to February 1994 and was based on six archive collections from CMAC. The second, *Pills and Profits: the Selling of Medicines since 1870*, was open between

April and September 1994. This exhibition drew materials from a number of Library departments, as well as from the Science Museum, the Wellcome Foundation Ltd and the Royal Pharmaceutical Society. Both exhibitions were accompanied by catalogues containing text of captions, special essays and coloured illustrations. Viewing figures are hard to come by, but informed impression has it that attendances were higher than for previous exhibitions.

A full programme of occasional displays was mounted in the Second Floor Reading Room of the Library. Like the main exhibitions, these are almost always collaborative ventures by both academic and Library staff. The subjects covered embraced the discovery of adrenaline, China under the Manchus; Dr John Coakley Lettsom; Henry Wellcome and William Osler as book collectors; monsters; and the archives of the Royal Army Medical Corps.

The Exhibitions Officer administered a number of external loans of materials from the Iconographic Department. Items were sent to, and returned from, Paris, Dresden, Frankfurt, Edinburgh, Leicester, Bradford and Oxford.

A large amount of work was involved in the hanging of works of art throughout the building, and of poster reproductions in staff offices.

On secondment to the Wellcome Centre, the Exhibitions Officer was much involved in the creation of an exhibition entitled *Genes are Us*, which was mounted as part of the 1994 Motor Show in Birmingham and attracted large audiences lured (temporarily, at least) from carburettors to chromosomes.

Contemporary Medical Archives Centre

Now in its fifteenth year, this Department may be said to be in a state of flourishing maturity. A modest staff increase, impressively improved usage rates, and an acquisition level only slightly down on the previous year, gave cause for considerable satisfaction. Correspondence, anecdotal evidence and literature references all bore testimony to the regard with which CMAC and its staff are held as a specialist national resource.

The number of readers using the Department continued to rise; 221 over 191 in the previous year. Six-thousand items (3900 last year) were produced for reader and staff use.

Fifty-four discrete acquisitions were made (77 the previous year). Those of special note included the papers of Sir Harold Himsworth KCB, FRS, the medical scientist and administrator who succeeded Sir Edward Mellanby as Secretary of the Medical Research Council in 1949, and records of the Mental Aftercare Association, founded in 1879. It is particularly pleasing that this latter collection may now be used alongside other collections in CMAC with community health relevance, such as that of the Health Visitors' Association. As is often the case, a proportion of accessions was made up of additions to archives already held, such as the records of the Lister Institute and a substantial number of papers from the Medical Women's Federation. During the year, the first major addition of material was made to the RAMC Muniments, first deposited with Wellcome in 1987.

Following the publication of a series of articles in *The Biochemist* in the autumn of 1993, the Archivist approached the contributors to see whether they had papers surviving from their research work at the Lister Institute. This trawl yielded two small accessions from Professor Leslie Collier and Drs Jean and Derek Dolby, with the promise of further material. In June 1994 a large number of ledgers recording horse dosages and serum information, dating from 1904, was rescued from the old stable block of the Lister Institute at Elstree. These had conservation treatment before being incorporated into CMAC's Lister Institute archive.

Following an initiative by Dr Michael Bevan (based at the Wellcome Unit, Oxford) with members of the Royal College of General Practitioners, a number of GP records were offered to the Centre.

The single most important event in the Centre was a much-needed staff increase. Isobel Hunter was appointed to a permanent post in October 1993, while Jennifer Smith continued her temporary cataloguing post. Increased staff availability undoubtedly benefitted readers, while cataloguing, particularly of large collections, moved on apace. Isobel completed both the Physiological Society and Cicely Williams archives, while Jennifer conquered the papers of the Health Visitors' Association and the Group Analytic Society, as well as those of Foulkes and Bowlby. The depositors of these collections, and the relatives of the

individuals concerned in their creation, expressed gratitude for a considerable achievement.

Not everything went according to plan. New software (SMART) for the Hospital Records Project was handed over by the Public Record Office, only to manifest severe problems. These appear unlikely to be resolved by the PRO's stretched resources, but the Wellcome Trust's Information Systems Department may yet ride to the rescue in the near future.

The Centre played a large part in the creation of the Exhibition *Birth and Breeding* (reported on page 29). This display coincided with the British Records Association's annual meeting on the topic 'Archives of Medicine and Health' held in the Wellcome Building on 29–30 November 1993 and co-organized by Julia Sheppard. Lesley Hall, the Senior Assistant Archivist, was one of the speakers. She continued to be in demand elsewhere for her research interests in the history of sexuality and women in medicine.

A full and detailed account of the Centre during the year under review may be found in its separately published, and illustrated, *Annual Report*.

Early Printed Books

Two hundred and twenty-five items, including four gifts and four early American imprints, were acquired. Under the will of Sir William Paton, former Wellcome Trustee and Honorary Director of the Institute, the Library was given the opportunity to select items from his personal collection for purchase after probate valuation. The Early Printed Books Department acquired 52 items in 69 volumes from this source. Another bulk purchase was a collection of 32 volumes of Edinburgh and Glasgow MD theses: about 416 in all, mostly dating from the eighteenth and early nineteenth centuries. This acquisition dovetailed neatly with the similar lot purchased in 1967 at the Aberdeen Medico-Chirurgical Society's sale. Other notable accessions included:

Friedrich Arnold

Icones nervorum capitis, Heidelberg, 1834

Charles Babbage

Reflections on the decline of science in England, London, 1830

Joannes Baptista Bataller

Disceptatio unica de signis propriis veneni sumpti, Orihuela, 1661

Robert Burton

The anatomy of melancholy, 8th edn, London, 1676. Wing B6184

Joannes Castellus

Tractatus de peste, Augsburg, 1608

John Darrell

A detection of that sinful...discours of Samuel Harshnet, [London?], 1600.
STC 6283

Johann Adam Delsenbach

Kurtzer Begriff der Anatomie, Nuremberg, 1733

Sir Thomas Elyot

The castell of helth, London, [1550?]. STC 7647

Marie Jean Pierre Flourens

Recherches sur le développement des os et des dents, Paris, 1842

Galen

Liber...de urinis (ed. Fernando de Mena), Alcalá, 1553

Galen

Galen's method of physick (tr. Peter English), Edinburgh, 1656. Wing
G161, Aldis 1541

Gentilis de Fulgineo

Consilium contra pestilentiam, [Salamanca, 1515?]. Norton 574 (=Goff
G136)

Geronimo Gil y de Pina

Tratado breve de la curación del garrotillo, Saragossa, 1636

Thomas Hobbes

Leviathan, London 1651. Wing H2246, Macdonald & Hargreaves 42

Johann Daniel Metzger

Skizze einer pragmatischen Literärgeschichte der Medicin, Königsberg,
1792-96

Nicolás Monardes

Simplicium medicamentorum ex Novo Orbe delatorum...historiae liber tertius
(tr. Carolus Clusius), Antwerp, 1582. Guerra 24

Sir Isaac Newton

The mathematical principles of natural philosophy (tr. A Motte), 3 vols.,
London, 1803

Paracelsus

Schreiben von warmen oder Wildbädern, Basle, 1576. Sudhoff 172

Paracelsus

Schreiben von den Frantzosen, Basle, 1577. Sudhoff 178

Jan Evangelista Purkyně and Gabriel Gustav Valentin

De phaenomeno...motus vibratorii, Breslau, 1835

Periódico de la Sociedad Medio-Quirurgica de Cádiz,

6 vols, Cadiz, 1820–29

Samuel Tuke

Description of The Retreat, York, 1813

As reported previously, a typesetting contract for Volume IV (1641 to 1850, authors M – R) of the *Catalogue of Printed Books* was arranged with Bexhill Phototypesetters. A specimen disc for M-MART (146 pages of printout) was produced and the first galleys (55 sheets) were returned corrected at the end of September 1993. During the year under review, this specimen proceeded to page-proof (pp. 63). The discs and printout for the remainder of the volume (pp. 147–1378) were sent to Bexhill between October 1993 and March 1994. Setting of the galleys (539 sheets) was completed in April and by the end of the year (September 1994) corrected galleys had been returned up to sheet 451 (REMP) and page-proofs received up to p. 382 (PHYS). Bexhill's standard of work continued to be most impressive. Although this volume has taken many years to reach proof stage, the actual typesetting is now proceeding very much faster than was the case with earlier volumes: Vol. I, for example, was in the printer's hands from 1954 to 1962, and Vol. III from c. 1966 to 1976. Late in the year a proposal for reprinting the first two volumes (long o.p.) was submitted

by an American publisher and is under optimistic consideration.

Some 320 items were catalogued on WILDCat and much revision of defective entries was achieved.

Between October 1993 and January 1994, Miriam Miller did valuable tidying-up work following her successful Retrospective Conversion Project (reported last year). A cruise (or should it be a 'surf'?) through UK library catalogues on JANET, demonstrates how unusual is Wellcome's substantial contribution of early printed book records.

Department staff graced with their presence a number of professional conferences, including 'Incunabula: Books, Texts, Owners' (Society for Renaissance Studies and Bodleian Library, Oxford 20–21 January 1994); "My Dear Sir": The Development of International Communication in Natural History' (Society for the History of Natural History, held at the Wellcome Institute 20–22 April 1994); and 'Illustrated Books' (Library Association Rare Books Group, at St Catharine's College, Cambridge 7–9 September 1994).

In the year when the Curator's *Short History* of the Institute was published, he was in demand as a speaker for both the Friends and the American Osler Society.

Iconographic Collections

The Iconographic Collections Videodisc continued to attract favourable attention. With financial support from the Wellcome Trust, arrangements were made to locate copies in the Wellcome Units in Cambridge, Oxford, Glasgow and Manchester. Reaction from the Units has been enthusiastic. A copy of the disc was lent to the Guildhall Library, Corporation of the City of London, from 31 March 1994, for which *A London promenade* was prepared. A Videodisc station was transferred from the Information Centre of the Wellcome Centre and lent to the Cairns Library, John Radcliffe Hospital, Oxford, following an initiative by Dr P O Williams, formerly Director of the Wellcome Trust. Considerable publicity, by means of articles, information sheets and advertisements, was generated to draw attention to the Videodisc and to the on-line availability of its catalogue.

In November 1993 a videoprinter to produce hard-copy images from the Videodisc was installed in the Catalogue Hall. Between then and the end of the year under review, 850 prints were made by Library users, or about 85 a month.

The collections were enriched by six seventeenth-century acquisitions, including the two classic etchings of goitre by Jusepe de Ribera and a painting by the Dutch artist Quirijn van Brekelenkam.

Among noteworthy eighteenth-century material acquired were two water-colours of exotic birds by the Quaker physician John Coakley Lettsom.

James Ensor's 1895 etching *Les mauvais médecins* added a new name and a new style to the Department's nineteenth-century holdings. Among the twentieth-century works, the collection of public health posters by Abram Games (b. 1914) can be confidently expected to increase year by year in historical value, while the sumptuous lithographs by Leonetto Cappiello and Nicklaus Stoecklin were hardly purchased before they were selected for display in the *Pills and Profits* exhibition (reported on page 29).

Acquisitions:

seventeenth century (six works)

'Doctor Panurgus'. Line engraving by Martin Droeshout, c. 1620.

Accession no. 349510.

A man with goitre: the large head. Etching by Jusepe de Ribera, c. 1622.

Accession no. 349562.

A man with goitre: the small head. Etching by Jusepe de Ribera, 1622.

Accession no. 349563.

A physician taking the pulse of a young woman while a maid prepares her food. Oil painting on panel by Quirijn Gerritsz. van Brekelenkam (ca. 1620–1668). Accession no. 349411.

Sir Thomas Browne. Line engraving, 1669. Accession no. 349510.

George Jones of Hatton Garden, 'whom God hath given the gift of healing' (fl. 1645–1675). Line engraving by John Drapentier, c. 1690.

Accession no. 349510.

eighteenth century (seven works)

Saint Carlo Borromeo administering the last rites to plague victims.

Etching by Carlo Carlone. Accession no. 349412.

Joshua Ward bestowing the wealth offered to him by Britannia on the ill and needy. Engraving after Thomas Bardwell, 1749. Accession no. 349330.

The golden-winged flycatcher and the ring parakeet. Two watercolours by John Coakley Lettsom, 1757. Accession no. 349506.

'Iphigenia's late procession from Kingston to Bristol. – by Chudleigh Meadows ... attended by her chaplain, physician, apothecary, & three maids of honor'. Etching by John Hamilton Mortimer, 1776. Accession no. 349510.

Saint Mary (the Blessed Virgin) with the Christ Child. Stipple engraving by A. Gamble after Annibale Carracci. Accession no. 349552.

A surgical operation on the eye. Engraving by Queiroz after Silva, Lisbon (?), c. 1790 (?). Accession no. 349553.

nineteenth century (30 works)

A party of ascetics preparing and taking opium outside a rural dwelling, Mewar, style of Chokha, c. 1810. Gouache with gold. Purchased from the estate of the late Sir Robert Bradlaw FRCS. Accession no. 349363.

'A dandy fainting or – an exquisite in fits. Scene a private box opera –'. Coloured etching by Isaac Robert Cruikshank, 1818. Accession no. 349510.

'The exact representation of John Thurtell as he appeared in St. Bartholomew's hospital, being the only exact likenesses taken of him after his execution'. Pen and ink drawing by J Wentzell, [1824]. Accession no. 349510.

'Exhibition of the laughing gas'. Wood engraving and letterpress on blue paper printed by H & A Hill, Bristol. Accession no. 349510.

André-Antoine Blancheton (1786–1830). Lithograph by Achille Devéria. Accession no. 349510.

- J Xavier Chabert. Lithograph, New York, 1836. Accession no. 349341.
 Sir Josiah Mason's Orphanage, Erdington. Albumen print (carte de visite)
 by F Whitlock. Transferred from the Modern Medicine Department.
 Panorama of London. Hand-coloured wood engraving, c. 1860. Accession
 no. 349424.
 'Les mauvais médecins'. Etching by James Ensor, 1895. Accession no.
 349413.
 Philosophical portrait series. Part II: psychologists. Instalments 1-3.
 Chicago: the Open Court Publishing Co., 1898. Twenty photogravures.
 Accession no. 349331.
 New South Wales Medical Corps in the Boer War. Stereographic photo-
 graph by Underwood and Underwood, New York, 1900. Transferred
 from the Modern Medicine Department.

twentieth century (130 works)

- 'Docteur Rasurel'. Lithograph in colours after Leonetto Cappiello, 1906,
 printed by Vercasson, Paris. Accession no. 349333.
 'Uricure'. Lithograph in colours after Leonetto Cappiello, c. 1910, printed
 by Vercasson, Paris. Accession no. 349334.
 'Maraliment'. Lithograph in colours after Leonetto Cappiello, 1920, print-
 ed by Vercasson, Paris. Accession no. 349335.
 'Agua de Vilajuiga'. Lithograph in colours after Leonetto Cappiello, c.
 1925, printed by Vercasson, Paris. Accession no. 349336.
 Medicine in Mesopotamia and India. Four stereographic photographs by
 Sunbeam Tours, c. 1924. Transferred from the Modern Medicine
 Department.
 Hygiene, prevention of illness, promotion of health, support of charity.
 Twenty lithographs in colour after Abram Games, 1935-1954.
 'Where there's dirt there's danger. Cleanliness is the first law of health'.
 Health & Cleanliness Council, 1935. Accession no. 349486.
 'Keep your feet clean. You owe it to yourself ... your comrades ... your
 efficiency ...'. Printed for HM Stationery Office by Perry Colourprint

- Ltd, 1941. Accession no. 349487.
- 'Guard against venereal disease. Keep straight. Keep sober. You owe it to yourself. Your womenfolk. Your comrades. Your country'. Printed for HM Stationery Office by Lowe and Brydone Printers Ltd, London NW10, 1941. Accession no. 349488.
- 'Ventilate your quarters'. Printed for HM Stationery Office by Lowe and Brydone Printers Ltd, London NW10, 1941. Accession no. 349489.
- 'Personal cleanliness'. Printed for HM Stationery Office by Lowe and Brydone Printers Ltd, London NW10, 1941. Accession no. 349490.
- 'I'm looking for you. Fever. Malaria. Protect yourself against mosquitoes'. Printed for HM Stationery Office by Stafford & Co. Ltd, Netherfield, Nottingham, 1941. Accession no. 349491.
- 'They carry disease from filth to food. Kill all flies'. Printed for HM Stationery Office by Stafford & Co. Ltd, Netherfield, Nottingham, 1941. Accession no. 349492.
- 'If you are suffering from scabies'. Printed for HM Stationery Office by H Manly & Son Ltd, 1941. Accession no. 349493.
- 'Take a pride in being fighting fit'. Printed for HM Stationery Office by J. Weiner Ltd, London, WC1, 1942. Accession no. 349494.
- 'Blood donors are needed urgently to save these lives. The Army Blood Transfusion Service'. Printed for HM Stationery Office by W. R. Royle & Son, Ltd., 1942. Accession no. 349495.
- 'Your Britain. Fight for it now. A school in Cambridgeshire where village children are learning to grow up in healthful surroundings'. Printed for Army Board of Current Affairs by Multi Machine Plates Ltd, London, EC4, 1942. Accession no. 349496.
- 'Your Britain. Fight for it now. Clean, airy and well planned dwellings ...'. Printed for Army Board of Current Affairs by Multi Machine Plates Ltd, London, EC4, 1942. Accession no. 349497.
- 'Your Britain. Fight for it now. Modern medicine means the maintenance of good health and the prevention and early detection of disease'. Printed for Army Board of Current Affairs by Henry Hildesley Ltd,

- London, 1942. Accession no. 349498.
- 'Talk in here kills out there'. Printed for HM Stationery Office by J Howitt & Son Ltd, Nottingham, 1944. Accession no. 349499.
- 'One of our fighters is missing... If you are off work with an accident'. Issued by the Ministry of Labour and National Service and produced by the Royal Society for the Prevention of Accidents, London, SW1. Printed by Loxley Bros Ltd, 1942. Accession no. 349500.
- 'Help us to give hope'. British Empire Cancer Campaign, 1947. Accession no. 349501.
- 'At the first sign of VD get skilled advice'. Issued by the Ministry of Health. Printed for HM Stationery Office by Fosh & Cross Ltd, London, 1949. Accession no. 349502.
- 'If treated early, VD can be cured'. Issued by the Ministry of Health. Printed for HM Stationery Office by Fosh & Cross Ltd, London, 1949. Accession no. 349503.
- 'Health is wealth. United Nations World Health Organization'. ATAR, Geneva, 1952. Accession no. 349504.
- 'People against polio'. Printed for the National Fund for Polio Research, London, SW1, by Johnson, Riddle & Co. Ltd, St Mary Cray, Kent, 1954. Accession no. 349505.
- 'Use your health services'. Lithograph in colours after Edward McKnight Kauffer, 1937, printed by J Weiner Ltd. London. Accession no. 349339.
- Blood donors. Lithograph in colours by by Abram Games, 1942. Accession no. 349340.
- Binaca squirrel. Lithograph in colours by Nicklaus Stoecklin, 1944, printed by Wolfsberg, Zurich. Accession no. 349337.
- Binaca mother of pearl. Lithograph in colours by Nicklaus Stoecklin, 1945, printed by Wassermann, Basel. Accession no. 349338.
- 'DDT versus malaria. A successful experiment in malaria control by the Kenya Medical Department'. By P C C Garnham (Kenya Medical Research Laboratories) and East African Sound Studios for the Kenya

Medical Department, 1945–1946. Sixteen-millimetre moving film.
Accession no. 349596.

Fitness. Three double-sided colour process prints by Fougasse [Kenneth Bird], n.d. [195-?]. Accession no. 349414.

Public health, child health, and Medical Officers of Health in Great Britain. About 80 photographs collected by Dr Sidney P W Chave. Presented by Mrs Chave through the Contemporary Medical Archives Centre. Accession no. 349717.

Vernon Henry Mottram (b. 1882), nutritionist. Oil painting by the Rev. N A L Miller, 1970. Presented by the Physiological Society through the Contemporary Medical Archives Centre. Accession no. 349439.

Ars anatomica : a medical fantasia. Thirteen process prints in portfolio by Leonard Baskin, New York, c. 1972. Accession no. 349714.

'Malaria in the orang utan'. By W Peters, P C C Garnham and R Killick-Kendrick, Sabah, 1972. Three reels 16mm film. Accession no. 349597.

Pain and its relief. Lithograph in colours, published by the Smithsonian Institution, Washington DC, 1983. Accession no. 349332.

'Billroth and Brahms. A study in science and music'. By J Lee Sedwitz and United States Surgical Corporation, 1991. Videocassette (PAL). Presented by Professor Sedwitz. Accession no. 349595.

Two major projects were running during the year, both designed to improve access to the collections.

Fiona James and Nat Foreman worked on the *Prints Reintegration Project*. By the end of the year 1992–93, a large percentage of the material identified with particular geographical places had been classified, recorded in a CARD-BOX database, put into folders and shelved. Approximately 15 000 works had been so treated.

From England and France, the project progressed to other parts of Europe, such as Germany, Spain, Belgium, and Italy, then eastwards to Greece and the Ottoman Empire. A wide range of material was processed. Some localities are represented by a series of plates from a well-known publication of

the period, and at other times by a unique drawing produced by an amateur artist-traveller. The diversity of regions and dates (between 1600 and Sir Henry Wellcome's lifetime) necessitated research over a broad range in order to identify the material usefully. Of special importance were engraved plates of Rome put together by Antonio Lafreri, c. 1610, in the form of a very extensive 'speculum', and collections of documentary prints dealing with the Crimean War, the palaces and mosques of Constantinople, and east-west trade on the Bosphorus.

Another large category was Greek and Roman antiquities. Many of the prints were eighteenth-century works depicting the newly excavated treasures. Among them were a large set of plates by Piranesi showing funerary urns and other artefacts discovered in and around Rome. The focus of this category of material is on the effect that the opening up of travel in Europe had on architects and scholars, and the passion for collecting and displaying works of art and curiosities which developed among the aristocracy and virtuosi at the end of the eighteenth century. Areas beyond Europe are represented. Following Wellcome's interests, Egypt is well represented with prints of antiquities, hieroglyphic inscriptions and astrological charts.

Another large group of prints deals with the history of design, and taste therein, of the eighteenth and nineteenth centuries. Technology is represented, particularly by a series of prints on the Great Exhibition of 1851.

The number of records in CARDBOX stands at 5656 and covers some 50 000 items. This project is on target to finish at the end of February 1995.

A second project – *Iconographic Collections Videodisc: Phase II* – made good progress, employing the talents and enthusiasm of (at various times) Rhian Harris, Oliver Vicars-Harris, Vera Wong, Christian Kerslake and Lorna Cunliffe-Lister. The year under review was the second of three for this project, and during it 4572 items were catalogued on WILDCat, bringing the total of iconographic items in the catalogue to 18 336. Subject areas treated included portrait photographs, caricatures, Old Testament narrative scenes, institutions, botany, dentistry, maternity and obstetrics, therapy, ophthalmology and nursing. Tracey Wickham input almost 4000 subject headings for portraits.

The Department is heavily engaged with exhibition work, in the widest sense. Apart from participation in most of the fourth floor and Reading Room exhibitions, the care and maintenance of the around 400 items which grace the corridors and public areas of the Wellcome Building fall to this Department. External exhibitions place increasing demands on the collections and staff. Three pictures were lent for *L'âme au corps: arts et sciences 1793–1993*, a magnificent international loan exhibition at the Galeries Nationales du Grand Palais, Paris, which, in the event, suffered more than its fair share of problems. *Khaligat: Indian popular painting* was a touring exhibition organized by the South Bank Centre. Wellcome lent 29 of the 122 works on show at Leicester, Edinburgh, Bradford and Oxford, to an estimated 34 535 visitors. *John Thomson: China and its people* continued its tour of North America, visiting New York and Sacramento. *Darwin und Darwinismus*, a major international loan exhibition at the Deutsches Hygiene Museum, Dresden, featured three of our prints on phrenology. *FFM 1200*, at the Frankfurt Historisches Museum, reviewed themes in the history of Frankfurt-am-Main over the 1200 years since the city's foundation by Charlemagne. One of the Library's great treasures, a picture of St Elizabeth visiting a hospital, painted by Frankfurt's most famous painter, Adam Elsheimer, was lent for this occasion.

The special skills and knowledge of this Department's permanent and temporary staff are put to use in many ways which pass largely unnoticed by those affected by them. For example, they played a large part in the re-inscription of the names of the famous around the gallery frieze in the Library's Reading Room, and in the production of an explanatory leaflet thereon. The Wellcome Trust Publications Department was helped on a number of occasions, and even the choice of ceramics for the Boardroom bears the imprint of their taste.

Modern Medicine and Bibliographic Services

A shelf check of this Department's dedicated Reading Room revealed some misshelving, as well as uncatalogued and missing items. The first two categories were quickly corrected; missing material is still being checked.

Some 1060 new acquisitions were purchased and, as usual, a number of valuable donations were made by individuals and institutions. The main gifts were: the Julian Bloom library, which is a large, private collection of monographs, serials, reports, *etc.*, on oncology; journals on biochemistry from St Mary's Hospital Medical College Library; Dr Ann Dally's private collection on psychiatry, drug abuse and paediatrics; 50 volumes of French medical texts, donated by the French Institute, London; and recent medical serials, given by the BMA Library. Stephen Lowther (Assistant Librarian) continued his special interest in medical ephemera, 3127 of which were added during the year.

Work on the upgrading and improvement of the Library's automated systems continued. In October 1993, the McDonnell Douglas computer was upgraded with a memory increase from four to 12 megabytes, extra disc controllers were installed, and the processor was uprated from 19 300 to 19 450. A further major upgrade was made during August–September 1994; disc capacity was increased from two to three gigabytes, memory from 12 to 16 megabytes, and the processor was again promoted from 450 to a heady 19 600. Thirty-four additional ports were configured, to allow for 12 more connections for academic staff on the fourth floor, and 21 connections in Bentley House and 210 Euston Road. For the latter purpose, two additional BT lines, six multiplexors, six modems, a patch panel, and a great deal of cabling had to be installed. The extra connectivity required was not unproblematic, and by the end of September 1994 only one of the additional connections was operational. Early in the year, a WILDCat terminal was placed on the fourth floor for the general use of academic staff and research fellows. An additional public terminal was installed in the Periodicals Room. Later in the year, five additional public terminals were installed, bringing the total to 13.

On the WILDCat database itself, four patch tapes to update Urica 3 were loaded. Local programming of both the Printed Books and Iconographic accounts improved browsing and statistics facilities and, more generally, allowed the creation of shelf-lists vital for shelf-checking purposes. An account was set up for the cataloguing of the autograph letters collection within the Western Manuscripts Department.

The world outside the physical confines of the Library made contact through JANET and the Internet. During the year under review, there was an average of 19 daily network connections to WILDCat.

Current Work in the History of Medicine, which is the major element of this Department's current awareness activity, was published in issues 160–163, recording a total of 6466 journal articles and 2637 newly published monographs; 396 new journal titles were added to the database. Additionally, a cumulative author index to issues 150–160 was produced. Ways of improving the coverage of *Current Work* were explored with staff at the British Library and the Institute of Historical Research.

The team at the Enfield Store continued their labours. Under their care is the bulk of the Modern Medicine journals collection, large collections of annual reports, government publications, in-house publication stock and, inevitably, categories which are best labelled *miscellanea*. Bringing this bulk of material under bibliographic control is a massive and continuing operation. Visitors (both professional and lay) to the Library areas of the Enfield Store are impressed both by the complexity of the tasks involved and by the order and discipline already imposed on the stock. As a direct consequence of this work, requests from Euston Road for Enfield stock continued to rise. Satisfied requests totalled 545, a 79% increase over last year's figure of 303.

During the year, mobile stacks for the eventual housing of Modern Medicine stocks were installed in 210 Euston Road. This Department's Bentley House stacks were seriously affected by the dirt and disruption caused by the need to inspect parts of the foundations of that building, as well as by the extension of the tunnel beneath Euston Road to 210.

Oriental Manuscripts and Printed Books

After a Biblical lean period of several years for manuscript acquisition, this Department had something of an *annus fecundus*. No fewer than 51 manuscripts were purchased: 37 Sanskrit, four Hindi, four Burmese, three Chinese, two Arabic and one Ottoman Turkish.

The most outstanding of the Sanskrit texts acquired were possibly a copy

of *Dhata Ratna Mala*, dated 1778, and a seventeenth-century exemplar of *Bhishak Chakra Chitotsas*.

The two Arabic texts were *Kitab al-ṭibb fī'ilm al-mizajāt* by 'Alī ibn 'Abd Allāh, a work concerned with psychology and dated 1162 AH/AD 1748, and a copy of *Kitāb mujarrabat al-falasifah wa-al-atibba'*, an undated but probably eighteenth-century work devoted to *materia medica*.

Burmese was represented by four folding books strikingly written in white or yellow inks on black paper and devoted to medical receipts and medical charms. Medical manuscripts in this language are rare, and those written on black paper highly prized. These manuscripts are undated, but may be placed around the middle of the last century.

The three Chinese manuscripts were eighteenth century in date and relate to the medical practices of the Yao tribes of south-west China.

One of the four Hindi manuscripts was an important nineteenth century copy of the medical text *Bhishaj Prija* by Sudarshan Vaidya.

Finally, the Ottoman Empire was represented by a translation of an abridgement of Ibn Baytar's celebrated *materia medica*, *al-adwiyā al-mufrada*, dated 886 AH/AD 1480. This is an early date for an Ottoman manuscript; more especially for a medical one.

Nearly 600 printed books and pamphlets were acquired over the year in both European and oriental languages.

A most important achievement was the publication of the *Catalogue of Chinese Books and Manuscripts in the Library of the Wellcome Institute*, compiled by Dr Hartmut Walravens of the Berlin Staatsbibliothek. This is the first catalogue of a major Chinese collection to be published in this country since Douglas's *Catalogue of the Chinese Books and Manuscripts in the British Museum* in 1887, with its supplement in 1903. Reviews thus far have been favourable and, for its class, the publication is selling well.

We were delighted to have Dr Bill Pruitt from New York to catalogue the collection of Pali manuscripts in Burmese script. Pali, as the language of Theravada Buddhism, is peculiar in not having its own script; it makes use of whatever script is current in the area where the manuscript is produced.

A catalogue of the heiratic and demotic papyri and Coptic manuscripts was written by Dr Stephen Quirke, of the Department of Egyptian Antiquities at the British Museum, and by Dr John Tait of the Department of Egyptology, University College London. This will be published in due course in the *Journal of Egyptian Archaeology*.

Dr Peter Friedlander completed his catalogue of Hindi manuscripts. This magisterial work will not only be definitive for the literature described but will also open up new areas for research in traditional Indian medicine.

Mr Graham Shaw, Deputy Director of the Oriental & India Office Collections at the British Library, continued to work on our small collection of Oriya palmleaf manuscripts.

Mr K D Somadasa, previously of the British Library and, before that the National Library of Ceylon, completed the copy, after some 25 years' work, of his catalogue of Sinhalese manuscripts. This very detailed record of 469 manuscripts is now ready for the press.

The Department's staff maintained their round of professional and academic duties, including attendance at the 49th Conference of the South Asia Library Group held in Edinburgh during June 1994. Dr Wujastyk, the Associate Curator, collaborated with Dr Conrad, of the Academic Unit, in the running of the seminar series 'Medicine, Science and Technology in Asian Cultures', held fortnightly during term time.

Reader Services

Any increase in Library usage affects the work of all staff, but none more so than those in this Department. The daily average number of readers presenting themselves to the main Enquiry Desk during the year rose to 53 (including Saturday mornings), compared with 44 in the previous year. Almost 13 500 reader visits were recorded in total, an increase of 22% over last year's figure of just over 11 000. This is despite of the fact that the Library was closed during the first three weeks in August for its first ever major shelf-check.

Partly to improve communication with members of the Academic Unit, and partly to give regular readers a voice, a Readers' Advisory Group was

formed and met first on 2 November 1993. Under the chairmanship of the Head of Reader Services, this group has already addressed some important issues, such as user problems with the automated system, and the perennial one of missing, or apparently missing, books. Its chief value thus far has been in clearing up misunderstandings or preventing their development.

The shelf-check mentioned above was primarily of books on open access to the public in the Main Reading Rooms (the Historical Collection). This was made possible by the ability of the automated system to produce a shelf-list of books in classified order. No such essential aid had existed during the Library's previous history. Virtually all staff cooperated in this task, which involved detailed scrutiny of two sequences in the Reading Room, Poynter Room and Gallery, and two in Bentley House. Two temporary staff were employed to process books found on the shelves without a record in the database. The implications of this shelf-check have yet to be fully analysed. The automatically generated shelf-list itself has some weaknesses as a tool for measuring discrepancies in the stock. It is obviously only as good as the information put into it. This information was variously derived; from older catalogue records as well as from actual volumes, and must always carry some legacy of human error. Preliminary analysis suggests that not more than 6% of what was thought to be in the Library cannot, at this stage, be accounted for. Some of this material is undoubtedly 'missing'; some may yet turn up. Some of the 'missing' titles make one wonder why we had them in the first place; others we must make every effort to replace.

One of the Library's most important constituencies is made up of registered students. For them alone is a special loan collection of 'set texts and recommended reading' provided, often in multiple-copy titles. Just over £3250 was spent last year in buying replacement and new titles for this collection. Over 3000 loan transactions for books, and almost 400 for reprints, were recorded. Our small experience in this Library bears out the generally recognized fact that current undergraduates do not (cannot) buy more than a minimum of the essential texts connected with their courses. The greatly increased figure for reservations this year (237 over 67) demonstrates the pressures on certain key texts, even when multiple copies are available.

Dealing with readers, answering telephone enquiries and letters, inducting new library users (particularly each year's crop of new students), reception of visiting groups, retrospective and current cataloguing of the Historical (open-access) Collection, interlibrary loans, binding preparation and, for some members of the Department, professional study and development, makes for a busy, sometimes hectic, life. The creation of a new staff post early in the year (filled in February 1994 by Claire Nutt) was a welcome relief from these pressures.

The Library Services Team, which, among a multiplicity of functions, ensures the smooth and rapid transfer of materials from stack to reader, achieved almost 11 000 book-retrieval transactions (mostly under Euston Road) during the year.

Western Manuscripts

Materials for this Department were acquired ranging in date from the sixteenth to the twentieth centuries.

The most important accession was a manuscript relating to the French histopathologist, Xavier Bichat (1771–1802). At the end of his life, he delivered a course of lectures on pathological anatomy at the Hôtel Dieu, Paris, between September 1801 and May 1802. These lectures set out Bichat's scheme of the membrane model of tissue structure and its disorders. Existing transcripts are either difficult of access or obscure, or both. We were lucky enough to acquire an additional transcript, unique in this country, in the hand of a student, Augustin Palle. Although Palle's record of these important lectures has its own problems, this manuscript is undoubtedly a new and important source for the study of Bichat's thought, particularly for British-based scholars.

The oldest manuscript acquired during the year was the notebook of an anonymous late Tudor or Jacobean alchemist, written in Latin and English. It appears to be the work of a practising doctor, and a significant part deals with the manufacture of potable gold, an elixir which landed several chemical doctors in hot water with the Royal College of Physicians. Among other interesting acquisitions were the accounts for 1645–46 of the Chatham Chest, a charity for

indigent seamen; a medical recipe book of Caleb Loudham (fl. 1665–1712), an Exeter surgeon who was also a noted antiquarian; transcripts of the surgical lectures of Astley Paston Cooper (1768–1841), by Rober Pughe, a Welsh student in St Thomas's and Guy's Hospitals in 1816–17; and what is probably the most curious acquisition of the year, a set of instructions from an anonymous French father to his son, dating from the late eighteenth or early nineteenth century, regarding personal hygiene and regimen. Together with a plethora of more or less sensible advice, are bizarre injunctions, such as the recommendation to wipe the sweat from behind the ears on waking – 'a sure prophylactic against toothache' – the admonition against stopping a nosebleed too soon, and the warning against staying in bed too long in the morning, lest it result in constipation.

A full listing and description of additions to Western Manuscripts, including autograph letters, is provided in a separately published *Annual Review*.

Forty-four manuscripts were catalogued (MSS 7058–7101), some 17 of which were new accessions. The Assistant Curator continued to be largely occupied in processing the massive collection of Hodgkin papers, and the creation of the framework for an automated database for the records of autograph letters.

Some 125 individual readers consulted Western Manuscripts materials during the year. This figure is close to last year's, until the Library's three-week closure for shelf-checking is taken into account.

The third in a series of subject guides (to manuscripts relating to military and naval medicine) was issued.

The Curator of Western manuscripts is also, incidentally, manager of the Poynter Room, the Library's equivalent of the British Library's North Library at Bloomsbury.

In October 1993, the Curator spoke to a meeting of the Hunterian Society on 'Medical Science and Medical History: the Hunterian Society and its collection of Manuscripts', with an exhibition of relevant material in the Reading Room as background. His well-received account formed a nice compliment to a Society which has entrusted some of its greatest treasures to this Library.

Medical Archives and Manuscripts Survey

Significant progress was made with Survey work during the year. The Assistant Curator, Chris Hilton, reported on the large and varied collections of the Royal College of Surgeons, which had not been surveyed since 1928. Other repositories surveyed included the archive departments of the London boroughs of Barnet, Croydon and Westminster. The Curator, Dr Aspin, revised the existing report on the medical holdings of Lambeth Palace Library, and produced a MAMS report on Wellcome holdings.

Accessions¹

(except periodicals and archives)

	<i>Purchase</i>		<i>Gift</i>	
Historical Collection	2026	(1235)	250	(251)
Modern Medicine ²	1069	(952)	75	(68)
American	65	(63)	6	(18)
Early Printed Books	214	(113)	4	(5)
Oriental	220	(211)	9	(6)
Western MSS	40	(75)	2	(3)
Iconography	76	(35)	4	(11)
TOTALS	3710	(2684)	350	(362)
TOTAL: All departments	4060			(3046)

Notes:

1. 1992–93 figures in brackets. The figures are generated by the Acquisitions process. Totals may differ slightly from those reported by Departments (pp. 28–51). This is because of different definitions of units of acquisition before and after cataloguing, or because of interdepartmental transfers.
2. Figures for Modern Medicine do not include unprocessed, bulk acquisitions, or the 3127 items of ephemera added to the collections.

Archives

CMAC received 54 (77) new accessions of which 24 (19) were additional to collections already held.

Periodicals

Total current subscriptions	619	(589)
Paid	473	(461)
Gift/Exchange	146	(128)
New subscriptions	22	(24)
Paid	12	(22)
Gift/Exchange	10	(2)
Cancellations/ceased publication	8	(6)

Accession Costs

<i>1. All categories except periodicals</i>		
Budget	£265 000	(£230 000)
Expenditure	£264 565	(£259 917)
<i>1a. Special purchases fund</i>		
Budget	£134 000	(£117 000)
Expenditure	£124 889	(£147 985)
<i>2. Periodicals</i>		
Budget	£21 000	(£18 000)
Expenditure	£21 461	(£19 554)
<i>3. Acquisition on-costs</i>		
(Bank charges, etc.)		
Budget	£2000	(£2000)
Expenditure	£2396	(£1660)

Services

New readers registered	1742	(N/A)
Reader visits recorded at		
Library Enquiry Desk	13 498	(11 045)
Daily average of readers	53	(44)
Interlibrary loans (BLDS)		
Borrowed	157	(262)
Lent	150	(141)
Loans to registered students	3489	(2974)

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A P P E N D I X

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STAFF

(for Academic Staff see page 1)

Library

Librarian	Eric J Freeman, BA, ALA
Deputy Librarian	Robin M Price, MA, ALA
Librarian's Secretary	Anne Van der Spelt
Deputy Librarian's Secretary	Jan Pinkerton, BSc
Institute Administrator	Philomena Gibbons, BA

Departments and Services

Conservation

Tony R Bish, FTC, ACC	<i>(Head of Conservation)</i>
Barbara M Luff	<i>(Conservator)</i>
Ann Spreadbury, CAC	<i>(Conservator)</i>
Ken Arnold, MA, PhD	<i>(Exhibitions Officer)</i>

Contemporary Medical Archives Centre

Julia G A Sheppard, BA, DipArchAdmin	<i>(Archivist)</i>
Lesley A Hall, BA, PhD, DipArchAdmin	<i>(Senior Assistant Archivist)</i>
Shirley M Dixon, BA, DipArchAdmin	<i>(Assistant Archivist)</i>
Isobel Hunter, BSc (Econ), DipArchAdmin	<i>(Assistant Archivist from 1 October 1993)</i>
Jennifer Smith, MA, DipArchAdmin	<i>(Temporary Assistant Archivist)</i>

Early Printed Books

H John M Symons, MA, ALA	<i>(Curator)</i>
Gerald R Beasley, MA	<i>(Assistant Curator until 7 January 1994)</i>
Sarah Bakewell, BA, MSc	<i>(Assistant Curator from 4 July 1994)</i>

Iconography

William M Schupbach, MA	<i>(Curator)</i>
David Brady, MA	<i>(Assistant Curator)</i>

Modern Medicine and Bibliographic Services

Jeannette Lake, BA, ALA (*Head*)

Stephanie Allen, BA (*Assistant, Current Awareness Services, until 30 September 1994*)

Paul L Davey, BA, ALA (*Senior Assistant Librarian, Cataloguing*)

Catherine J Doggrell, BA (*Senior Assistant Librarian, Current Awareness Services*)

Stephen Lowther, BA, DipLib (*Assistant Librarian*)

Zineta Šabović, BA (*Assistant Librarian, Acquisitions*)

Sarah J Bakewell, BA, MSc (*Library Assistant until 3 July 1994*)

Derek Scoins, BA (*Library Assistant*)

Klif Fuller (*Stack Manager*)

Jim Williamson (*Stack Assistant from 21 March 1994*)

Oriental Manuscripts and Printed Books

Nigel M W T Allan, MA, PhD, ALA (*Curator*)

Dominik Wujastyk, BSc, MA, DPhil (*Associate Curator, South Asia*)

Reader Services

H Brenda Sutton, BA, DipLib (*Head*)

Kaye Bagshaw, BA, DipLib (*Assistant Librarian*)

Susan E Gold, BA, DipLib (*Assistant Librarian*)

Lyndsay R Lardner, BA (*Assistant Librarian*)

Claire Nutt, BA (*Assistant Librarian from 21 February 1994*)

Rachel Wermann, BSc, DipLib (*Assistant Librarian*)

A Gabriel Caine (*Assistant, Library Services*)

Michael C Jackson (*Assistant, Library Services*)

Andrew W K Melvin (*Assistant, Library Services*)

Western Manuscripts

Richard K Aspin, BA, PhD, DipArchAdmin (*Curator*)

Christopher M Hilton, BA, DPhil, DipArchAdmin (*Assistant Curator*)

Enfield Store

Michael Gomez (*Supervisor*)
 Fraser Cook (*Assistant from 21 March to 13 May 1994*)
 Giovanni Daffada (*Assistant until 30 September 1994*)
 Michael Devall (*Assistant/Van Driver until 31 March 1994*)
 Vivienne Johnson (*Assistant*)
 Margaret Lynch (*Assistant*)
 Mark Taylor (*Assistant from 31 May until 16 September 1994*)
 Jim Williamson (*Assistant until 20 March 1994*)

Support Services

Jenni L Crisp (*Secretary/WP Operator*)
 Susan M Hordijkenko, BA (*Secretary/WP Operator until 17 October 1993*)
 Mohsina Somji, BA (*Secretary/WP Operator from 15 November 1993*)
 Tracy L Tillotson (*Secretary/WP Operator*)
 Tracey J Wickham, BA (*Secretary/WP Operator*)

Consultants

Hartmut Walravens, PhD (*Chinese Books*)
 K D Somadasa (*Sinhalese MSS*)
 William Pruitt, PhD (*Burmese MSS*)

Projects

Early Printed Books Retrospective Catalogue Conversion

Miriam H Miller, MA, FLA (*Project Manager until 31 January 1994*)

Hindi Manuscripts

Peter G Friedlander, BA, PhD (*until 2 September 1994*)

Iconographic Projects

Iconographic Collections Videodisc Project, Phase II

Rhian Harris, BA (*Senior Picture Cataloguer*)

Oliver Vicars-Harris, BA (*Database Developer until 21 October 1993*)

Vera Wong, BA (*Cataloguer*)

Christian Kerslake, MA (*Cataloguing Assistant from 8 November 1993*)

Lorna Cunliffe-Lister, MSc (*Cataloguing Assistant from 1 December 1993*)

Prints Reintegration Project

Fiona James, MA (*Head*)

Nat Foreman, BA (*Assistant*)



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